

CLAIMS

1. A wireless terminal for establishing connection with a base device; comprising:

connection establishing means for establishing the connection with the base device by obtaining identification data that specifies the base device; and

connection counterpart notifying means for notifying, based on the identification data, a user of the base device to which the wireless terminal is currently connected.

2. A wireless terminal as set forth in Claim 1, comprising:

connection requesting means for transmitting a connection request command that requests for connection with a base device,

the connection establishing means for obtaining identification data that reaches the connection establishing means earlier than rest of pieces of identification data that the connection establishing means receives from base devices that respond to the connection request command, and then establishing connection with the base device that is indicated by the thus obtained identification data.

3. A wireless terminal as set forth in Claim 2, comprising:

connection notifying means for transmitting, after the obtaining of the identification data, a connection process completion command that indicates that the connection with the base device is established.

4. A wireless terminal as set forth in any one of Claim 1 to 3, wherein:

the identification data contains a key for encrypting the data and a key for decrypting the encrypted data.

5. A wireless terminal as set forth in Claim 4, wherein:

the key for encoding the data and the key for decoding the encrypted data are algorithms specific to the base device indicated by the identification data.

6. A wireless terminal as set forth in any one of Claims 1 to 5, comprising:

image output means for causing display means to display an image based on image data received from the base device to which the wireless terminal is connected,

the connection counterpart notifying means displaying the identification data on the display section in an ODS manner.

7. A base device comprising:

identification data transmission means for transmitting the identification data to the wireless terminal as set forth in Claim 1:

8. A wireless system comprising:
the wireless terminal as set forth in Claim 1; and
a base device comprising identification data transmission means for transmitting the identification data to the wireless terminal as set forth in Claim 1.

9. A control program for operating a wireless terminal as set forth in any one of Claims 1 to 6, the control program causing a computer to function as each of the means.

10. A computer readable storage medium in which the control program as set forth in Claim 9 is stored.

11. A wireless system comprising a base device and a wireless terminal, wherein:

the wireless terminal comprises:
connection establishing means for establishing the connection with the base device by obtaining identification data that specifies the base device;
first connection confirming mode transiting means for causing transition into a connection

confirmation mode in accordance with input of an instruction from a user;

connection confirming means for obtaining, after the transition to the connection confirmation mode, a connection confirmation command from the base device to which the wireless terminal is connected, the connection confirmation command being for confirming the connection; and

warning means for warning the user if the connection confirmation means does not obtain the connection confirmation command within a predetermined time after the transition to the connection confirmation mode, and

the base device comprises:

identification data transmission means for transmitting the identification data that identifies the base device;

second connection confirming mode transiting means for causing transition into the connection confirmation mode in accordance with the input of the instruction from the user; and

connection confirmation command transmitting means for transmitting the connection confirmation command, if the transition into the connection confirmation is performed.

12. A wireless system as set forth in Claim 11, wherein:

the wireless terminal comprises connection requesting means for transmitting a connection request command that requests for connection with a base device,

the base device comprises identification data transmission means for transmitting the identification data to the wireless terminal if the base device receives the connection request signal, and

the connection establishing means obtains identification data that reaches the connection establishing means earlier than rest of pieces of identification data that the connection establishing means receives from base devices that respond to the connection request command, and then establishes connection with the base device that is indicated by the thus obtained identification data.

13. A wireless system as set forth in Claim 12, wherein:

the wireless terminal comprises connection notifying means for transmitting, after the obtaining of the identification data, a connection process completion command that indicates that the connection with the base device is established, and

the base device comprises connection acknowledging

means for acknowledging the connection with the wireless terminal if the base device receives the connection completion command.

14. The wireless system as set forth in any one of Claims 11 to 13, wherein:

the identification data contains a key for encoding the data and a key for decoding the encrypted data.

15. A wireless system as set forth in Claim 14, wherein:

the key for encrypting the data and the key for decrypting the encrypted data are algorithms specific to the base device indicated by the identification data.

16. A wireless system as set forth in any one of Claims 11 to 15, comprising:

image output means for causing display means to display an image based on image data received from the base device to which the wireless terminal is connected,

the connection counterpart notifying means displaying warning on the display section in an OSD manner.

17. A wireless terminal that constitutes the wireless system as set forth in any one of Claims 11 to 16.

18. A base device that constitutes the wireless system as set forth in any one of Claims 11 to 16.

19. A control program for operating a wireless terminal constituting the wireless system as set forth in any one of Claims 11 to 16, the control program causing a computer to function as each of the means.

20. A computer readable storage medium in which the control program as set forth in Claim 19 is stored.

21. A control program for operating a base device constituting the wireless system as set forth in any one of Claims 11 to 16, the control program causing a computer to function as each of the means.

22. A computer readable storage medium in which the control program as set forth in Claim 21 is stored.